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DESCRIPTION

CONTROL UNIT FOR ELECTRIC POWER STEERING APPARATUS
This application is a 371 of PCT/JP04/16502 filed on November 1, 2004 which claims priority to Japan 2003-374341 filed on November 4, 2003 and Japan 2003-406321 filed on December 4, 2003.

Technical Field

The present invention relates to a control unit for electric power steering apparatus, and more particularly to a control unit for electric power steering apparatus which is provided with an abnormality detecting function of an angle detecting device of a motor used in the electric power steering apparatus, and takes into consideration a protecting operation with respect to a failure of the angle detecting device.

Background Art

An electric power steering apparatus for applying a steering assist force to a steering mechanism of an automobile by a rotating force of a motor transmits a driving force of the motor by a transmitting mechanism such as a gear or a belt through a reduction gear to apply the steering assist force to a steering shaft or a rack shaft. An example of a brief structure of such an electric power steering apparatus is shown in FIG. 1 and will be described.

A shaft 102 of a steering wheel 101 is coupled to tie rods 106 of steered wheels through a reduction gear 103, universal joints 104a and 104b, and a pinion rack mechanism 105. The shaft 102 is provided with a torque sensor 107 for detecting steering